

ABSTRACT OF THE DISCLOSURE

An establishing virtual intranet based on a digital closed network constructed from a network PBX and a plurality of extensions, wherein the network PBX stores extension numbers, virtual IP address and a published IP address. Each extension will obtain an own extension number, virtual IP address and published IP address when the extension is connected to the network PBX. The extension registered to the network PBX is able to link to the network PBX when the registered extension is connected to Internet and uses the published IP address as a destination IP address. Therefore, the distant registered extension and the network PBX connected with multiple extensions construct a virtual Intranet over the Internet.